

**APPARATUS AND METHOD FOR AUTONOMICALLY SUSPENDING AND
RESUMING LOGICAL PARTITIONS WHEN I/O RECONFIGURATION IS
REQUIRED**

ABSTRACT OF THE DISCLOSURE

5 A partition manager includes an I/O reconfiguration mechanism and a logical
partition suspend/resume mechanism that work together to perform autonomic I/O
reconfiguration in a logically partitioned computer system. When I/O reconfiguration is
required, the affected logical partitions are suspended, the I/O is reconfigured, and the
affected logical partitions are resumed. Because the logical partitions are suspended
10 during I/O reconfiguration, any ghost packet that may occur when the I/O is reconfigured
is ignored.